

## **WHAT IS CLAIMED IS:**

1. A system comprising: a primary electrical device and an auxiliary electrical device defining a receiving arrangement for receiving the primary electrical device, wherein the primary electrical device includes a first connector configured to couple with an associated connector of the auxiliary device to transmit electrical or electromagnetic energy between the devices; and wherein the primary electrical device includes an additional connector configured to couple the primary electrical device for receiving electrical or electromagnetic energy.

2. The system according to claim 1, wherein the additional connector of the primary electrical device is arranged at a location separate from the first connector.

3. The system according to claim 1, wherein coupling of the first and associated connectors takes place automatically while positioning the primary electrical device in the receiving arrangement of the auxiliary electrical device.

4. The system according to claim 1, wherein the additional connector is an electrical plug-type connection.

5. The system according to claim 1, wherein the first and associated connectors are corresponding electrical contact elements.

6. The system according to claim 5, wherein at least one of the electrical contact elements is resiliently constructed.

7. The system according to claim 1, wherein the first and associated connectors are corresponding inductive energy elements.

8. The system according to claim 1, wherein the primary electrical device comprises a dry shaving apparatus including a shaving head and the auxiliary device is a cleaning and charging station.

9. The system according to claim 8, wherein the first connector is arranged in close proximity to the shaving head and the additional connector is arranged on an end of the dry shaving apparatus at a remote distance from the shaving head.

10. The system according to claim 4, wherein the plug-type connection comprises an appliance socket.

11. The system according to claim 1, wherein the energy transmits information.
12. In combination, a handheld personal care appliance and an associated auxiliary device; wherein
- the personal care appliance comprises:
- a housing;
  - an electrical motor contained within the housing; and
  - a battery electrically connected to the motor;
- the auxiliary device defining a receptacle configured to receive the personal care appliance therein;
- wherein the housing of the personal care appliance includes a first connector that couples with an associated connector of the auxiliary device to transmit electrical or electromagnetic energy between the auxiliary device and the personal care appliance; and
- wherein the personal care appliance includes an additional connector, spaced apart from the first connector, and configured to connect the battery to an auxiliary power source.
13. The combination according to claim 12, wherein the auxiliary device is a personal care appliance cleaner.
14. The combination according to claim 12, wherein coupling of the first and associated connectors takes place automatically while positioning the personal care appliance in the receptacle of the auxiliary device.
15. The combination according to claim 12, wherein the additional connector is an electrical plug-type connection.
16. The combination according to claim 12, wherein the first and associated connectors include corresponding electrical contact elements.
17. The combination according to claim 12, wherein, the first and associated connectors include corresponding inductive energy elements.

18. The combination according to claim 12, wherein the personal care appliance comprises a dry-shaving apparatus including a shaving head and the auxiliary device is a cleaning and charging station.

19. The combination according to claim 18, wherein the first connector is arranged in close proximity to the shaving head and the additional connector is arranged on an end of the dry shaving apparatus at a remote distance from the shaving head.

20. The combination according to claim 12, wherein the energy transmits information.

21. The combination according to claim 20, wherein the information comprises a device type, a degree of soiling, or a frequency and duration of use.

22. The combination according to claim 12, wherein the energy comprises an electrical signal that controls a cleaning process.

23. An electric shaver system comprising:

a shaver having:

a shaving head;

an electrical motor mechanically connected to the shaving head; and

a battery electrically connected to the motor; and

a shaver cleaner configured to hold a quantity of cleaning fluid and defining a trough-shaped receptacle configured to receive the shaving head of the shaver therein;

wherein the shaver includes a first connector that couples with an associated connector of the shaver cleaner to transmit electrical or electromagnetic energy between the shaver cleaner and the shaver; and

wherein the shaver includes an additional connector, spaced apart from the first connector, and configured to connect the battery to an auxiliary power source.

24. The electric shaver system according to claim 23, wherein the additional connector is an electrical plug-type connection.

25. The electric shaver system according to claim 23, wherein the first and associated connectors are corresponding electrical contact elements.

26. The electric shaver system according to claim 23, wherein the first and associated connectors are corresponding inductive energy elements.

27. The electric shaver system according to claim 23, wherein the energy comprises an electrical signal that controls a cleaning process.

28. The electric shaver system according to claim 23, wherein the energy transmits information.

29. The electric shaver system according to claim 28, wherein the information comprises: a device type, a degree of soiling, or a frequency and duration of use.